

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John J. Wuu, et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: August 30, 2003

Group Art Unit:

Title: Shift Redundancy Encoding for Use with Digital Memories

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

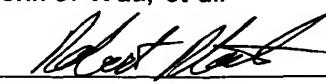
"Express Mail" label no. **EV148864555US**

Respectfully submitted,

Date of Deposit August 30, 2003

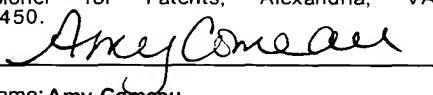
John J. Wuu, et al.

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By 

Robert Plotkin, Esq.

Attorney/Agent for Applicant(s)  
Reg. No. **43,861**

By   
Typed Name: Amy Comeau

Date: August 30, 2003

## PATENT APPLICATION

Sheet 1 of 3

FORM PTO-1449		ATTY. DOCKET NO. <b>200207388-1</b>	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT <b>John J. Wuu, et al.</b>		
(Use several sheets if necessary)		FILING DATE <b>August 30, 2003</b>	GROUP	

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	6,542,421 B2	Apr. 1, 2003	Sugamoto	
1B	6,373,775 B2	Apr. 16, 2002	Ishikawa	
1C	0031023 A1	Mar. 14, 2002	Sugamoto	
1D	0050868 A1	Dec. 13, 2001	Sugamoto	
1E	6,314,033 B1	Nov. 6, 2001	Sugamoto	
1F	0021129 A1	Sep. 13, 2001	Ishikawa	
1G	6,262,935 B1	Jul. 17, 2001	Parris	
1H	6,188,597 B1	Feb. 13, 2001	Takita	
1I	6,134,159	Oct. 17, 2000	Sekino	
1J	6,021,075	Feb. 1, 2000	Ueno	
1K	6,006,311	Dec. 21, 1999	Arimilli	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L		JP22015592A2	Jan. 18, 2001	United Memories Inc		X
1M		JP21344991A2	Jun. 5, 2000	Fujitsu Ltd		X
1N		EP0905625B1	Dec. 11, 2002	Ueno		
1O		EP1058267A2	Dec. 6, 2000	Takita		
1P		JP20100191A2	Apr. 7, 2000	Fujitsu Ltd.		X

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER	DATE CONSIDERED
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## PATENT APPLICATION

Sheet 2 of 3

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. <b>200207388-1</b>	APPLICATION NO.	CONFIRMATION NO.
		APPLICANT <b>John J. Wuu, et al.</b>		
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## REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	5,958,068	Sep. 28, 1999	Arimilli	
2B	5,808,944	Sep. 15, 1998	Yoshitake	
2C	5,699,308	Dec. 16, 1997	Wada	
2D	5,608,685	Mar. 4, 1997	Johnson	
2E	5,574,729	Nov. 12, 1996	Kinoshita	
2F	5,568,444	Oct. 22, 1996	Johnson	
2G	5,508,969	Apr. 16, 1996	Johnson	
2H	5,260,902	Nov. 9, 1993	Pilling	
2I	5,255,217	Oct. 19, 1993	Tan	
2J	5,206,831	Apr. 27, 1993	Wakamatsu	
2K	5,146,429	Sep. 8, 1992	Kawai	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
2L	JP11102596A2	Apr. 13, 1999	NEC IC Microcomput S		X
2M	JP10301846A2	Nov. 13, 1998	IBM		X
2N					
2O					
2P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	
2R	
2S	
EXAMINER	DATE CONSIDERED

## **PATENT APPLICATION**

Sheet 3 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b>	<b>APPLICATION NO.</b>	<b>CONFIRMATION NO.</b>
	<b>200207388-1</b>		
	<b>APPLICANT</b>		
	<b>John J. Wuu, et al.</b>		
	<b>FILING DATE</b>	<b>GROUP</b>	
	<b>August30, 2003</b>		

## **REFERENCE DESIGNATION**

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
3A	5,070,502	Dec. 3, 1991	Supnik	
3B				
3C				
3D				
3E				
3F				
3G				
3H				
3I				
3J				
3K				

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		3L				
		3M				
		3N				
		3O				
		3P				

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	3Q	
	3R	
	3S	

EXAMINER

**DATE CONSIDERED**